



U.S. Department
of Transportation

**Research and
Special Programs
Administration**

JAN 10 2000

400 Seventh Street, S.W.
Washington, D.C. 20590

DOT-E 10789
(SECOND REVISION)

EXPIRATION DATE: December 31, 2001

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: DPC Industries, Inc.
Houston, TX

(See Appendix A to this document for a list of additional grantees)
2. PURPOSE AND LIMITATION: This exemption authorizes the use of a non-DOT specification, full opening head, steel salvage cylinder for overpacking certain damaged or leaking gas cylinders. This exemption provides no relief from any regulation other than as specifically stated herein.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.34(d)(e); and § 173.304(a)(2).
5. BASIS: This exemption is based on the application of DPC Industries, Inc. dated November 18, 1999, submitted in accordance with § 107.109.
6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/Hazardous Materials Description	Hazard Class/Division	Identification Number	Packing Group
Chlorine	2.3	UN1017	n/a
Sulfur dioxide	2.3	UN1079	n/a

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7. SAFETY CONTROL MEASURES: Packaging prescribed is a non-DOT specification full opening head, steel salvage cylinder of welded construction, with provisions for securely positioning the damaged cylinder contained within. The salvage cylinder must conform with the Chlorine Institute's drawing 188 dated March 19, 1987, on file in the Office of Hazardous Materials Exemptions and Approvals (OHMEA). The cylinder must be designed, constructed and stamped in accordance with Section VIII of the ASME Code for a working pressure of 250 psig at 300°F and as follows:

Volume	31 gallon water capacity (nom)
Material	ASTM A 283, A 53 Gr. B or equivalent carbon steel
Outside diameter	12 inches, nominal
Length	64 inches, nominal
Sidewall thickness	0.230 inch, minimum
Design service pressure (MAWP)	250 psig at 70°F
Test pressure	375 psig
Openings - sidewall	3/4 inch threaded outlet inside a protective cap
Pressure relief devices	None
Welded attachments	2-lifting rails 2 supports

8. SPECIAL PROVISIONS:

- a. A person who is not a holder of this exemption who receives a package covered by this exemption may reoffer it for transportation provided no modifications or changes are made to the package and it is reoffered for transportation in conformance with this exemption and the HMR.
- b. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.
- c. Drivers and other persons who load/unload or transport the salvage cylinder must have been trained in the handling, loading and unloading of the salvage cylinder. The loaded salvage cylinder must be delivered to the consignor or the consignee as soon as practicable.
- d. Each salvage cylinder must be cleaned and purged after each use and must be visually inspected (internally and externally) and hydrostatically inspected once every two

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years at a test pressure of at least 375 psig. The visual inspection must be in accordance with the Compressed Gas Association Pamphlet C-6.

e. Salvage cylinders are authorized to overpack leaking 100 and 150 pound capacity cylinders of the following DOT specifications:

(1) 3A480 cylinders containing chlorine or sulfur dioxide.

(2) 4BA300 cylinders containing sulfur dioxide.

f. Each salvage cylinder must be secured to the motor vehicle by a securement system that conforms with the requirements contained in §§ 393.100 through 393.106.

g. Each salvage cylinder must be plainly marked on two sides of the cylinder sidewall, 180° apart, in letters at least 2 inches high on a contrasting background, "DOT-E 10789" and "SALVAGE CYLINDER".

h. Each salvage cylinder must be labeled as containing either a chlorine cylinder or a sulfur dioxide cylinder.

i. Transportation is limited to motor vehicles owned or leased by the holder or parties to this exemption or owned or leased by contract carriers employed by the holder or parties to this exemption.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.

10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each motor vehicle used to transport packages covered by this exemption.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.

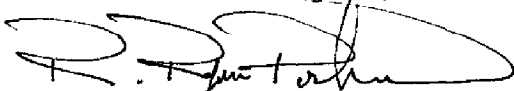
o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incident involving the package and shipments made under the terms of this exemption.

Issued at Washington, D.C.:



~~for~~ Robert A. McGuire
Acting Associate Administrator for
Hazardous Materials Safety

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(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.
Attention: DHM-31.

The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

Copies of exemptions may be obtained from the AAHMS, U.S. Department of Transportation, 400 7th Street, S.W., Washington, DC 20590-0001, Attention: Records Center, 202-366-5046.

Dist: FHWA
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The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

Company Name City/State	Application Date	Issue Date	Expiration Date
DX Systems Co. Houston, TX	11/15/99	1/10/00	12/31/2001
DXI Industries, Inc. Houston, TX	11/15/99	1/10/00	12/31/2001
DPC Enterprises, L.P. Houston, TX	11/15/99	1/10/00	12/31/2001
JCI Jones Chemicals, Inc., Sarasota, FL	9/3/2001	SEP 27 2001	8/31/2003
Allied Universal Corp. Miami, FL	6/3/00	6/20/00	12/31/2001

for Ann Mazzullo
Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety